



Opto-Link
Corporation Ltd

Polarization Independent Optical Circulators

Fiber Optic Circulator is a non-reciprocal device that redirects light from port to port in one direction. The device is designed for use in WDM systems, optical amplifiers and sensor applications. The component features high power, high isolation, high return loss, and excellent environmental stability.

Types

- 3 Ports
- High Power (300mW)
- 980nm Window



Applications

- WDM systems
- Dispersion Compensation
- Sensor Applications
- Optical Amplifiers
- OTDR Applications

Features

- High Stability and Reliability
- High Isolation
- High Return Loss
- Low Insertion Loss
- Low Polarization Dependent Loss
- Low Polarization Mode Dispersion



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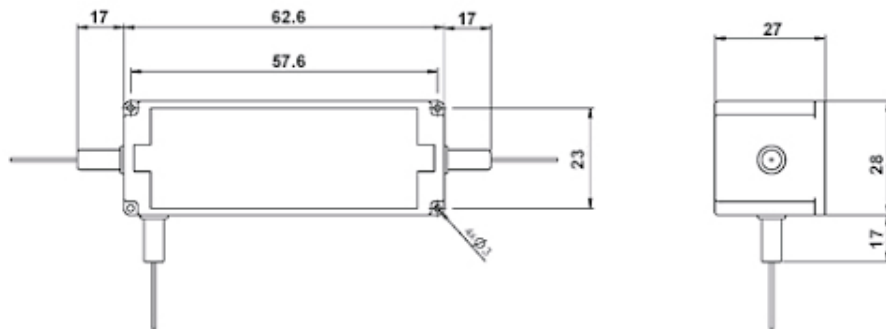
SPECIFICATIONS

Polarization Independent Optical Circulators (980nm)

Parameter	Values	Units
Center Wavelength	980	nm
Operating Wavelength Range	+/-10	nm
Typ. Insertion Loss	1.3	dB
Max. Insertion Loss	1.8	dB
Max. PDL	0.2	dB
Min. Isolation	20	dB
Min. Cross Talk	45	dB
Min. Return Loss	50	dB
Max. Optical Power (Continuous Wave)	300	mW
Max. Tensile Load	5	N
Fiber Type	HI 1060 Fiber	--
Operating Temperature	0 to +50	°C
Storage Temperature	-40 to +85	°C

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower for each connector added.

Package Dimensions



ORDERING CODES

OLCIR - I - [] - [] - [] - [] - []

Port	Code
3 Ports	3

Handling Power	Code
300mW	300

Wavelength	Code
980 nm	098

Cable Diameter	Code
250 um	25
900 um	90

Connector Type	Code
No Connector	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
LC/PC	LP
MU/PC	MP
Others	XX

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